

Message

From: Edewaard, Kara - DEH Environmental Project Manager [Kara.Edewaard@denvergov.org]
Sent: 1/7/2019 7:17:29 PM
To: Wharton, Steve [Wharton.Steve@epa.gov]
Subject: FW: [EXTERNAL] VB/I-70 OU2 Landfill Leachate

Fyi Steve, this email didn't go to your previously as Chuck Norris used an incorrect email for you.

-----Original Message-----

From: Edewaard, Kara - DEH Environmental Project Manager
Sent: Monday, January 07, 2019 12:16 PM
To: 'Charles Norris' **Ex. 6 Personal Privacy (PP)**
Cc: Apostolopoulos - CDPHE, Fonda <fonda.apostolopoulos@state.co.us>; Steve Wharton <wharton.stever@epa.gov>; Aviles, Jesse <aviles.jesse@epa.gov>; CAG Administrator <vbil70cag@gmail.com>
Subject: RE: [EXTERNAL] VB/I-70 OU2 Landfill Leachate

Chuck,

I responded to this question at the November 5, 2018, EPA meeting. The answer is the same as it was at that meeting. The City has not collected water quality samples at the recently constructed GLO outfall. Per CDPHE's request, I am periodically visually monitoring the outfall to see if there is any evidence of groundwater daylighting. I have not seen any evidence of that to date around the outfall.

You can certainly share your methodology with us. The City will proceed based on direction from CDPHE.

As part of the revised RI, we will be performing an assessment of groundwater quality and its potential impact on the S. Platte River.

Regards, Kara

Kara Edewaard
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-----Original Message-----

From: Charles Norris **Ex. 6 Personal Privacy (PP)**
Sent: Friday, January 04, 2019 2:54 PM
To: Edewaard, Kara - DEH Environmental Project Manager <Kara.Edewaard@denvergov.org>
Cc: Apostolopoulos - CDPHE, Fonda <fonda.apostolopoulos@state.co.us>; Steve Wharton <wharton.stever@epa.gov>; Aviles, Jesse <aviles.jesse@epa.gov>; CAG Administrator <vbil70cag@gmail.com>
Subject: [EXTERNAL] VB/I-70 OU2 Landfill Leachate

Kara,

Did City and County of Denver [CCoD] perform requisite sampling and analyses to assess the leachate discharge from CCoD's municipal landfill at VB/I-70 OU2 this week?

The four-six days this week likely presented optimal conditions to characterize the quantity and quality of leachate discharge, and to distinguish leachate flow from the stormwater flow with which CCoD mixes it. If CCoD missed the CAG discussions of how winter conditions can be used effectively for such evaluations I will be happy to meet with you familiarize CCoD staff on how to go about it. There may be another such opportunity or two yet this winter.

Background: Whether by design or oversight, CCoD constructed a discharge from, and channel conveyance for, leachate from its municipal landfill on OU2 of the Vasquez Boulevard/I-70 Superfund site into the South Platte River as part of its Globeville Landing Outfall Project [GLOP].

For at least two months in the summer of 2018, CCoD had the opportunity to characterize the flow rate and chemistry of the discharge without the complexity of having mixed that discharge with flow from the drainage from stormwater sewers. Based upon CCoD response(s) to questions at CAG meetings, CCoD elected not to characterize the leachate discharge.

Although it is now more difficult to characterize the discharging leachate due to mixing with storm drain discharge passing from the GLOP drop structure, it can be done. As I have discussed at CAG meetings, and one-on-one with some of you, late fall and early winter months can provide among the best site conditions to characterize such discharges.

Since the obligation to quantify the discharge will not go away, the opportunity to do should not be lost.

--
Chuck

Charles H. Norris

Ex. 6 Personal Privacy (PP)